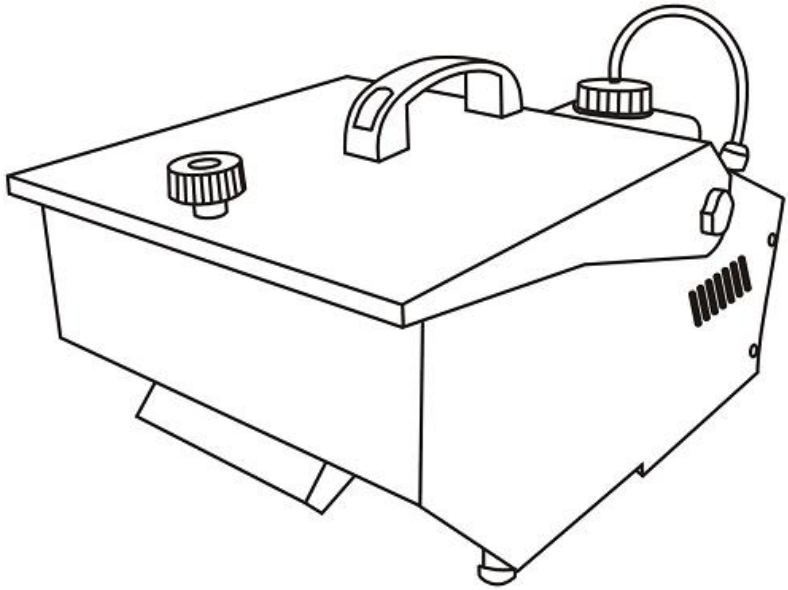


QTFX-LF900

Low-Level Fog Machine User Manual

160.447UK

QTFX-LF900 Low-Level Fog Machine – For indoor use only

Caution! Please read this manual carefully before operating! Damage caused by misuse is not covered by the warranty!

1. General Introduction :

A compact 900W low-level fog machine uses standard smoke fluid which runs over a tray of ice to produces a heavy low level fog which creeps along the floor. The perfect tool to create an atmosphere in theatres, on a stage, in a film or a display at exhibitions. You can control the output and the time delay from the provided hand held controller.

Features :

- 4000 Cu FT (400m³) / min
- Full ice reservoir lasts 3 hours (12 hours standby)
- Fluid level sensor
- Built-in fan for quick dispersion
- Easy to drain ice compartment
- Supplied with remote control timer
- Recommend High quality and Premium smoke fluid for use with this machine

2. Package Contents :

Please check the contents to ensure that the product has been received in good condition.

QTFX-LF900 Low-Level Fog Machine x 1pcs	User's Guide x 1pcs
Power Cord x 1pcs	Remote control x 1pcs

If you find any accessory is missing or the machine has arrived with any problems, please contact your local dealer at once. Do not try to fix this item yourself or you will lose the warranty. Please keep the original package and invoice for any possible replacement or returned demand.

3. Recommended Fluid:

For the QTFX-1000LLF low-level fog machine we strongly recommend the following fluids which have been specifically formulated to perform best in any smoke machines with a power rating between 1000 – 3000W.

QTX Ref Code	Description	Size	Results
160.644UK	High quality	1 Litre	High quality
160.583UK	smoke fluid	5 Litre	ultra fine mist
160.589UK	Premium smoke fluid	5 Litre	Premium mist

4. Setup :

1. Unpack the QTFX-LF900 low level fog machine
2. Unscrew the top cap of the tank to fill with the recommended smoke fluid
3. Screw the cap securely ensuring the pipe is fed down to the bottom of the bottle so a consistent flow of fluid is supplied to the machine.
4. Unscrew the safety screw on top panel to open.
5. Fill the reservoir with no more than 5kg of ice
6. Close the top panel and secure the safety screw
7. Connect the remote control
8. Connect the IEC mains plug and power up
9. Heat up time is usually around 4 minutes. Please ensure no button is pressed during the heat up time. When the machine is ready the LED light on the remote control will illuminate
10. Press the button on the remote control for 5 seconds so the fluid has a chance to flow through the heater block making it ready to use.
11. After this you will be able to use the machine. It is recommended to produce smoke with small pauses in between so that the temperature is maintained and the thermostat doesn't switch off.
12. After use, drain the melted ice using the fluid drain tap on the rear panel.

5. Placement instruction :

The fixture must be placed on the floor close to where you want the effect to be, ensuring there is adequate room for ventilation and the fluid can not leak.

It is important never to obstruct the front of the machine, fan or vents pathway.

When selecting installation location, take into consideration refilling the tank and routine maintenance.

Never place in places where the fixture will be exposed to rain, high humidity, extreme temperatures changes or restricted ventilation.

6. Caution! To prevent Mortal Electrical Risk and Long Life Operation :

For your safety, please kindly pay attention to all of the warnings listed below:

- Always plug in the power plug last and disconnect from the mains when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture or dusty environments.
- This device is for indoor use only and in a dry environment.
- Do not switch on immediately but wait until it reaches to room temperature if the device has been exposed to drastic temperature fluctuations.
- Do not shake the device and avoid brute force when installing or operating
- Do not use the device during thunderstorms and please disconnect the power.

- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modify the device or the connected power cord without authorization.
- Clean the machine regularly using water or smoke cleaning fluid (160.670)

7. Connect with power supply - The ground wire must be connected :

Use the plug to connect to the main power supply as following.

Wire	Connection	International signal
Brown	Live	L
Blue	Neutral	N
Yellow /Green	Earth	⏚

8. Quick Trouble Shooting :

If the unit is not functioning properly

8.1 Check if main power is on and fuse hasn't blown

8.2 The remote control is plugged in correctly in to the socket

8.3 Check there is fluid in the tank

8.4 Check that the pipe is pushed down to the bottom of the tank

8.5 Check the correct fluid has been used.

8.6 If there is a block use distilled water or smoke machine cleaning fluid.

9. Replacing Fuse :

Disconnect from the main power supply first, then remove the fuse holder above the IEC Socket to reveal the fuse. Replace the correct fuse rating as stated on lighting or user guide. Then, lock the fuse holder cover back into place.

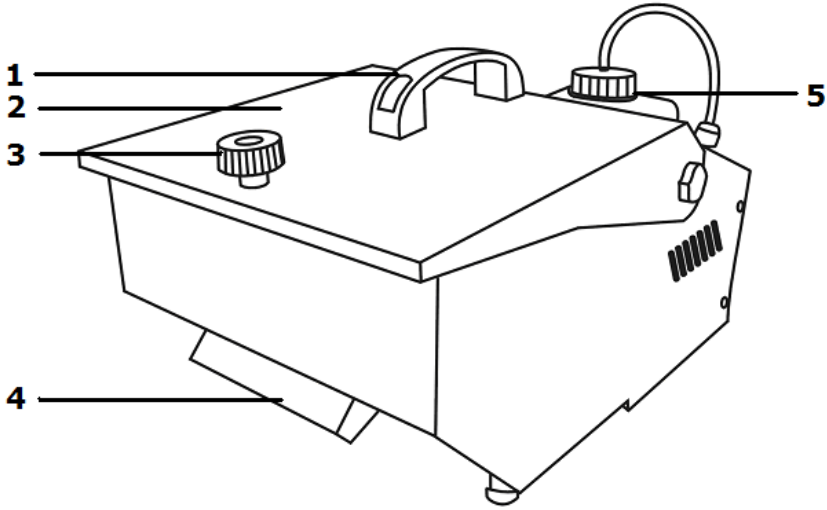
10. General Maintenance :

To maintain optimum performance and minimize wear, the item should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned after use to avoid dust build-up and blockages, which can result in poor performances, overheating and breakages. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean the external case when the fixture is cold with a dry cloth or tissue, and drag dirt and grime to the outside case.

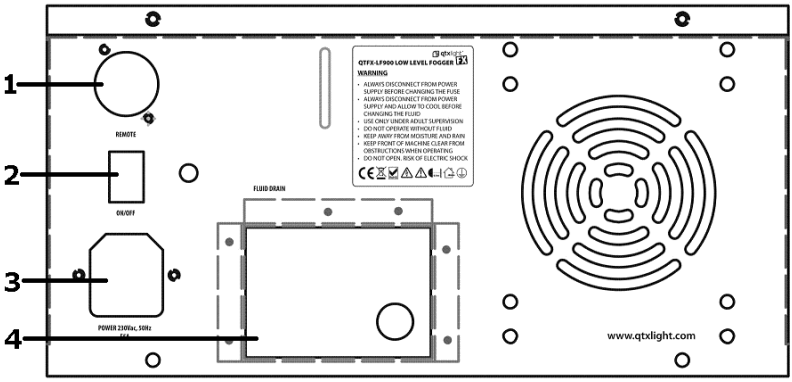
To ensure a continuing high performance it is recommended to use water or smoke cleaning fluid (160.670) to clean the internal workings. Simply empty the tank of any smoke fluid. Fill with water or smoke cleaning fluid then operate two full cycles to clean the internal pipes this should be done once every 2 months to ensure continuing high performance

11. Layout:



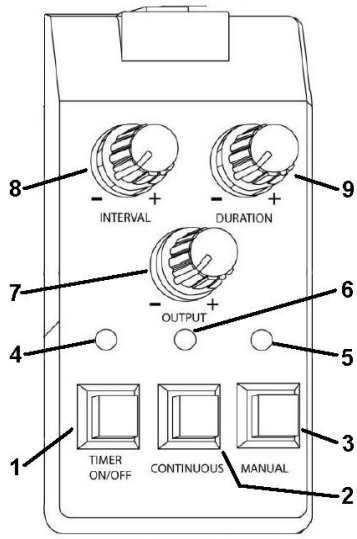
1. Carry Handle
2. Top panel lifts up so you can load the ICE
3. Safety screw to secure top panel to base
4. Fog output
5. Fluid bottle (Note this can not be removed)

12. Rear panel:



1) Power ON/OFF
2) Remote control
3) IEC Input
4) Fluid drain tap

13. Timer controller:



1) Timer on/off button
2) Continuous output
3) Manual override button
4) Timer LED indicator (Illuminated when timer active)
5) Manual ready indicator
6) Continuous LED indicator (Illuminated when continuous active)
7) Adjust the amount of Fog is released (between 0 – 100%)

NOTE: *The below controls are only used when in timer mode*

8) Adjust the interval gap between each release of Fog (between 0 – 30 Min approximately)
9) Adjust the duration the Fog is released at each interval (between 0 – 15 seconds approximately)

14. Technical specification :

Power supply	230Vac, 50Hz
Fuse	F5A
Power	900W
Re-heat time	4 min (approx)
Smoke Output	4,000 Cu Ft (113m³) per minute
Tank capacity	0.8 Litres
Ice reservoir	5kg
Dimensions	450 x 310 x 260mm
Weight	7.5kg

15. Disposal :

Please disposal of the unserviceable device according to the current statutory requirements.

Effects Fluid Chart

Bubble Fluid

Description	Results	Bottle Volume	Item Reference	Suitable for use with
Bubble fluid	Lightweight bubbles that last longer	1 Litre	160.574UK	All makers of bubble machines: QTX LIGHT FX machines: 160.562UK 160.573UK 160.571UK 160.570UK
		5 Litre	160.575UK	
UV bubble fluid	Lightweight bubbles that glow when under UV Light	1 Litre	160.576UK	
		5 Litre	160.577UK	

Snow Fluid

Description	Results	Bottle Volume	Item Reference	Suitable for use with:
Snow Fluid	High quality snow lasts 30% longer than other standard fluids	1 Litre	160.578UK	QTX LIGHT FX Snow machine 160.568UK and all other makers of snow machines
		5 Litre	160.579UK	

Smoke Fluid

Description	Fluid Colour	Results				Bottle Volume	Item Reference	For use with:
		Dispersion	Density	Stability	Colour of Fog			
Standard smoke fluid	Yellow	Quick	Light	Low	White	1 Litre	160.643UK	QTX LIGHT FX Smoke machines: 160.452UK 160.543UK 160.449UK 160.428UK 160.429UK 160.430UK and for all makers of smoke machines. (for best results use any machine up to 900W)
						5 Litre	160.582UK	
High grade smoke fluid	Orange	Slow	Medium	Good	White	1 Litre	160.587UK	
						5 Litre	160.588UK	
High quality smoke fluid	Pink	Slow	High	Good	Deep white	1 Litre	160.644UK	QTX LIGHT FX Smoke machines: 160.455UK 160.437UK 160.447UK and for all other makers of smoke machines. (For the best best results use with machines between 1000 - 5000W)
						5 Litre	160.583UK	
Premium smoke fluid	Clear	Slow	V. High	V. Good	V. deep white	5 Litre	160.589UK	
Smoke machine cleaner	Clear	Longer life from your smoke machine				20ml	160.670UK	All smoke machines

Haze

Description	Fluid Colour	Results				Bottle Volume	Item Reference	For use with:
		Dispersion	Density	Stability	Colour of Fog			
High quality haze fluid	Clear	Slow	High	Good	Deep white	1 Litre	160.590UK	QTX LIGHT FX Haze machines; 160.451UK 160.454UK and any other maker of heater type Haze Machines
						5 Litre	160.591UK	